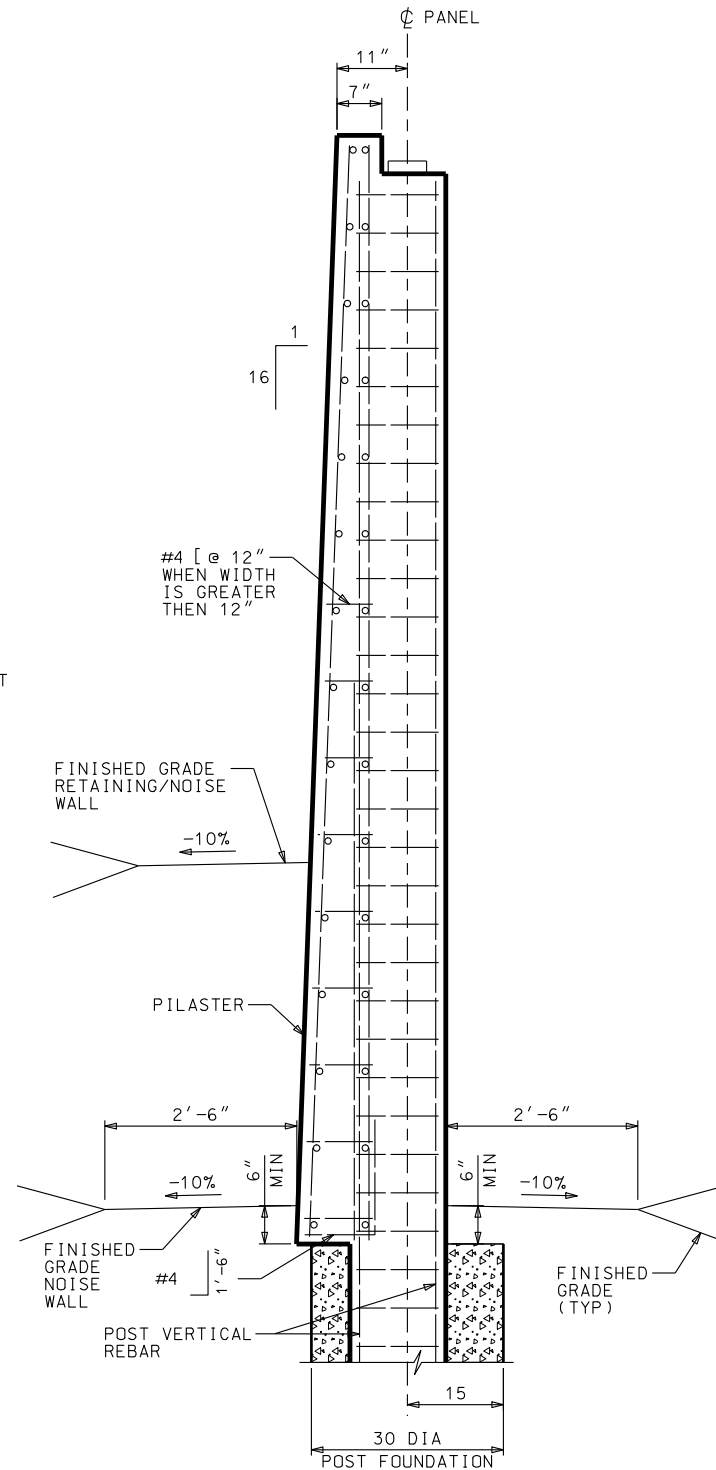
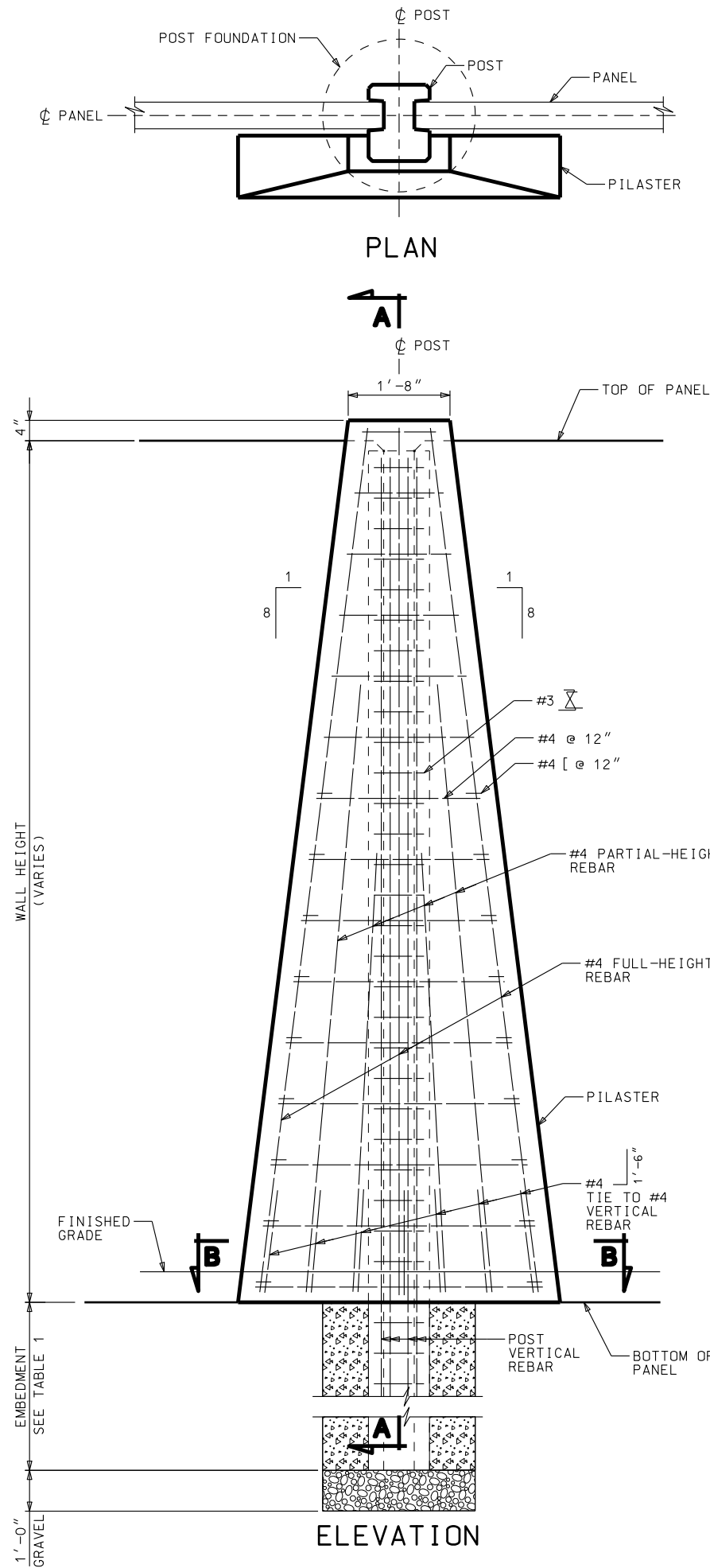


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SECTION A-A

DESIGN DATA

AASHTO GUIDE SPECIFICATIONS FOR STRUCTURAL DESIGN OF SOUND BARRIERS, 1989, WITH INTERIMS TO 2002.

AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, 2002.

PILASTER POST: CONCRETE CLASS AA(AE) $f'c = 5,000$ psi

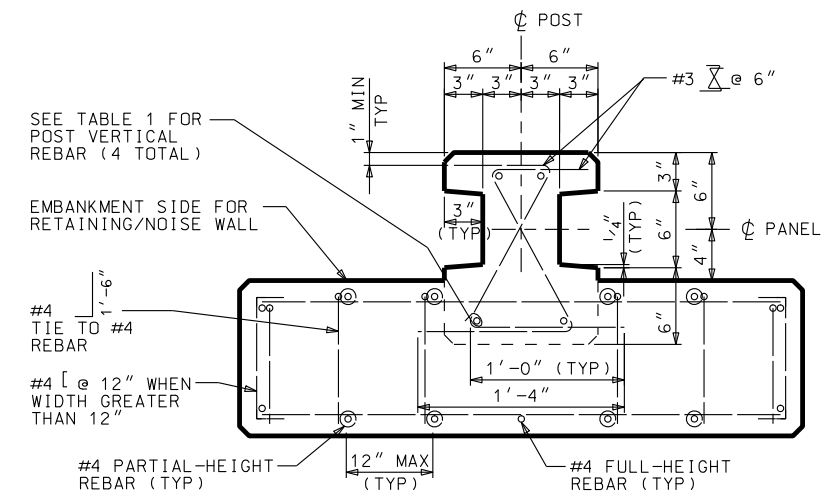
POST HOLES: CONCRETE CLASS B $f'c = 2,500$ psi

NOTES:

1. CHAMFER ALL EXPOSED CONCRETE CORNERS $\frac{3}{4}$ " EXCEPT WHERE SPECIFIED OTHERWISE.
2. PROVIDE 2" CONCRETE COVER TO REINFORCING STEEL EXCEPT WHERE SPECIFIED OTHERWISE.
3. ALL EXPOSED SURFACES TO HAVE A SMOOTH SURFACE FINISH.
4. DO NOT PLACE PILASTERS ON WALLS GREATER THAN 19' HIGH.
5. EVENLY SPACE PILASTER POSTS AT 200 FT MAXIMUM INTERVALS. SEE ROADWAY PLANS FOR EXACT LOCATIONS.
6. PLACE PILASTER ON HIGHWAY SIDE OF NOISE WALLS.
7. PLACE PILASTER ON HIGHWAY SIDE OF RETAINING/NOISE WALLS.
8. WHEN PILASTER IS ON EMBANKMENT SIDE OF RETAINING/NOISE WALLS, PLACE 1'-0" WIDE DRAINAGE GEOTEXTILE ALONG JOINT BETWEEN PILASTER AND PANEL (2 LOCATIONS PER PILASTER) FROM THE TOP OF FINISHED GRADE TO THE BOTTOM OF RETAINING PANEL. WRAP FREE DRAINING GRANULAR BACKFILL AROUND PILASTER.

WALL HEIGHT	POST	
	VERTICAL BAR SIZE	EMBEDMENT
6' AND LESS	#5	5'-6"
7'	#5	6'-4"
8'	#5	7'-3"
9'	#5	8'-2"
10'	#7	9'-0"
11'	#7	9'-11"
12'	#8	10'-10"
13'	#8	11'-9"
14'	#8	12'-8"
15'	#10	13'-6"
16'	#10	14'-5"
17'	#10	15'-4"
18'	#11	16'-3"
19'	#11	17'-2"

EMBEDMENT = $0.9 \times$ WALL HEIGHT



SECTION B-B

REVISIONS

UTAH DEPARTMENT OF TRANSPORTATION
STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION

RECOMMENDED FOR APPROVAL
CHARTMAN STANDARD COMMITTEE
APPROVED
DEPUTY DIRECTOR

PRECAST
PILASTER POST

STANDARD DRAWING TITLE

STD DWG
SW 5